



South Carolina

Weekly Weather and Crop Progress Report

Cooperating with Clemson University
1835 Assembly St., Suite 1008 · Columbia, SC 29201
(800) 424-9406 · FAX (803) 765-5310 · www.nass.usda.gov/sc

Issue: SC-CW003111
Released: August 8, 2011 , after 4 pm
Week Ending: August 7, 2011
Cooperating Agencies:
Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

The trend of high temperatures and scattered thunderstorms continued in the week ending August 7th, 2011. Monday's temperatures were slightly lower due to Sunday evening rainfall. However, Tuesday brought the return of triple-digit temperatures to much of the State, with Clinton reaching 102 degrees and Anderson reaching 100 degrees. Columbia, Clemson, and Clinton all recorded highs of 104 degrees on Wednesday. Localized thunderstorms began on Thursday, bringing much needed rainfall to areas lucky enough to receive any. Friday's storms were more intense and widespread, bringing 3.7 inches of rain to Holly Hill and 2.88 inches to Newberry. A Charleston weather station recorded 6.07 inches of rain on Saturday. These storms helped drive temperatures down; however, triple digit temperatures returned Sunday with Aiken reading at 102 degrees. The State average temperature for the period was five degrees above normal. Soil moisture levels were recorded at 20% very short, 53% short, 24% adequate and 3% surplus. The State average rainfall for the period was 0.9 inches. There was an average of 6.5 days suitable for fieldwork.

FIELD CROPS

Ninety-nine percent of **CORN** had doughed while 73% of the crop had completed maturation. Corn maturation levels remained far ahead of the 5 year average. Operators who had already begun their harvest reported poor yields due to the high heat and lack of rainfall. Conditions were 43% very poor, 35% poor, 15% fair and 7% good. Ninety-two percent of the **COTTON** crop had squared and 68% had set bolls by the end of the week, remaining ahead of schedule based on historical figures. Bolls started to open earlier than normal with 6% open by week's end. Rainfall helped conditions improve slightly to 2% very poor, 17% poor, 45% fair, 34% good and 2% excellent. Ninety percent of **PEANUTS** had pegged, remaining 7 points behind last year's pace. Conditions improved to 1% very poor, 8% poor, 42% fair, 47% good and 2% excellent. Seventy-two percent of **SOYBEANS** had bloomed with 19% of the crop setting pods by the end of the week, far behind historical figures. Conditions were 8% very poor, 27% poor, 44% fair and 21% good. **TOBACCO** harvest continued with 57% of the crop harvested by week's end, slightly behind last year's harvest.

OTHER ITEMS OF INTEREST

SNAPBEAN and **TOMATO** harvest were completed this past week. Ninety-six percent of **CANTALOUPE**s and 97% of **WATERMELONS** had been harvested. **LIVESTOCK** conditions improved considerably to 1% very poor, 7% poor, 39% fair, 52% good and 1% excellent. **PASTURES** rebounded slightly to 11% very poor, 39% poor, 40% fair, 9% good and 1% excellent. Ninety-five percent of **HAY** had been harvested, ahead of the five year average.

Crop Progress for Week Ending August 7, 2011

Crop and Stage	2011	2010	5-Yr Avg	Crop and Stage	2011	2010	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Harvested	96	95	95	Peanuts, Pegged	90	97	97
Corn, Doughed	99	98	96	Snapbeans, Fresh, Harvested	100	100	100
Corn, Matured	73	59	54	Soybeans, Bloomed	72	70	69
Cotton, Squared	92	98	98	Soybeans, Pods Set	19	38	33
Cotton, Bolls Set	68	63	64	Tobacco, Harvested	57	59	51
Cotton, Bolls Opened	6	0	0	Tobacco, Stalks Destroyed	5	3	2
Hay, Other Hay, Harvested	95	97	91	Tomatoes, Fresh, Harvested	100	100	100
Peaches, Harvested	85	78	76	Watermelons, Harvested	97	97	93

Condition for Week Ending August 7, 2011

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Corn	43	35	15	7	0	Pasture	11	39	40	9	1
Cotton	2	17	45	34	2	Peanuts	1	8	42	47	2
Livestock	1	7	39	52	1	Soybeans	8	27	44	21	0

South Carolina Weekly Weather Summary for the Week Ending August 7, 2011

Following overnight rains and a frontal passage, high temperatures on Monday fell 8 to 10 degrees over the previous day. Shaw AFB in Sumter and McEntire ANG in Eastover both reported Monday maximum temperatures of 91 degrees. Although within a drier airmass, the heat returned on Tuesday. Clinton and Pinopolis Dam reached 102 degrees. At 6:00 p.m., the Anderson AP reported 100 degrees with just 19 percent relative humidity. On Wednesday, the Clemson AP, Clinton and the Columbia Hamilton-Owens AP each recorded 104 degrees. The Charleston AP set a date record high “minimum” temperature of 83 degrees on Thursday morning. Barnwell’s 103 degrees on Thursday afternoon was the nineteenth time this season they had seen triple-digit heat. Scattered afternoon thunderstorms brought some relief to a few locations in the Foothills and eastern Piedmont. Chesnee received 1.19 inches and Gaffney received 0.75 inches. Thunderstorm activity increased on Friday. A National Weather Service spotter measured 3.70 inches at Holly Hill. Other heavy rainfall totals included 2.88 inches at Newberry, 2.73 inches at Fishing Creek Dam on the Catawba River, and 2.29 inches at Rimini. Another torrential downpour was observed Saturday afternoon near the Archdale Community in Dorchester County by a Charleston NWS employee, who measured 6.07 inches of rain. Saturday’s clouds and showers were part of the “near normal” high temperature readings of 90 degrees at McClellanville, Mullins and Kingstree. Mostly sunny weather on Sunday pushed the mercury to 102 degrees at Aiken. The State average temperature for the seven-day period was five degrees above normal.

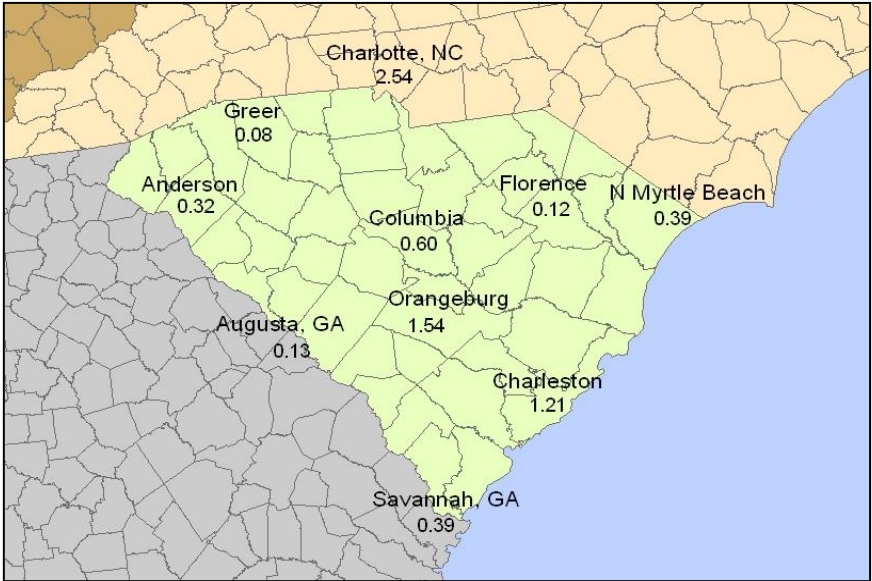
The highest official temperature reported was 105 degrees at the Columbia USC Campus on August 3. The lowest official temperature reported was 62 degrees at Table Rock on August 3. The heaviest official 24-hour rainfall reported was 3.92 inches at Effingham ending at 7:00 a.m. on August 1. The State average rainfall for the period was 0.9 inches.

SOIL: 4-inch depth soil temperature: Columbia 84 degrees, Charleston 87 degrees.
RIVERS AND SURF: South Carolina river stages were below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 83 degrees.

Precipitation

Location	Total for Week	Total for 2011	Deviation from Average
Greer	0.08	27.85	-1.3
Anderson	0.32	20.50	-6.1
Columbia	0.60	25.05	-2.9
Orangeburg	1.54	24.72	-4.5
Charlotte, NC	2.54	26.54	1.2
Augusta, GA	0.13	22.46	-5.1
Florence	0.12	18.89	-7.6
N Myrtle Beach	0.39	19.49	-9.9
Charleston	1.21	22.71	-7.3
Savannah, GA	0.39	23.78	-5.5

Weekly rainfall totals this period ending midnight Sunday.



USDA-NASS
SOUTH CAROLINA FIELD OFFICE
1835 Assembly St. Suite 1008
Columbia, SC 29201-2449
Official Business

Address Service Requested